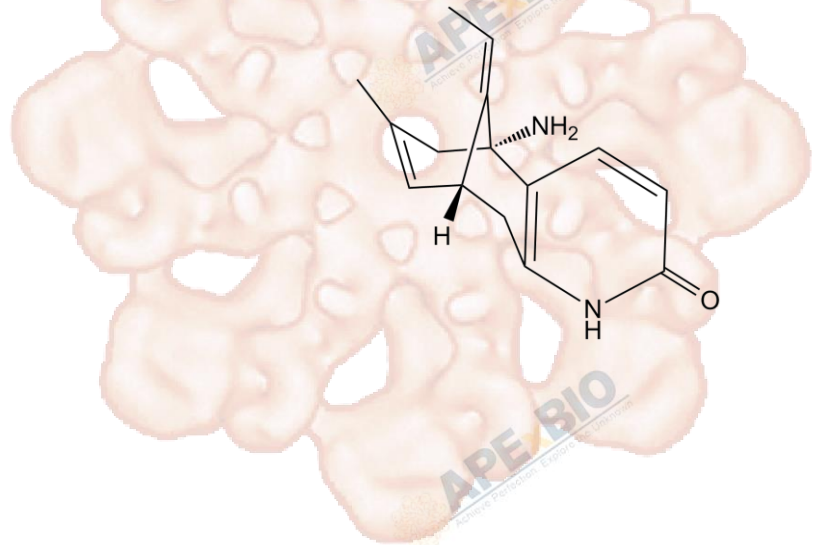


Product Data Sheet

(-)-Huperzine A

Cat. No.:	A1932
CAS No.:	102518-79-6
Formula:	C ₁₅ H ₁₈ N ₂ O
M.Wt:	242.3
Synonyms:	Huperzine A,
Target:	Neuroscience
Pathway:	Alzheimer
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 12.12 mg/mL in DMSO; ≥ 23.13 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.1271 mL	20.6356 mL	41.2712 mL
	5 mM	0.8254 mL	4.1271 mL	8.2542 mL
	10 mM	0.4127 mL	2.0636 mL	4.1271 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary	NMDA receptor antagonist/AChE inhibitor	
IC ₅₀ & Target	7 nM (Ki) (Acetylcholinesterase (G4 form))	
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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